

## INTERNATIONAL SEARCH REPORT

International Application No  
/BE2004/000154

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04B10/08

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WUILPART M ET AL: "POLARIZATION MODE DISPERSION MAPPING IN OPTICAL FIBERS WITH A POLARIZATION-OTDR" IEEE PHOTONICS TECHNOLOGY LETTERS, IEEE INC. NEW YORK, US, vol. 14, no. 12, December 2002 (2002-12), pages 1716-1718, XP001174687 ISSN: 1041-1135 cited in the application the whole document	1-10
A	US 2003/174312 A1 (LEBLANC MICHEL) 18 September 2003 (2003-09-18) cited in the application paragraph '0020! - paragraph '0029!	1-10
A	US 6 229 599 B1 (GALTAROSSA ANDREA) 8 May 2001 (2001-05-08) abstract; figure 3	1-10

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

3 February 2005

Date of mailing of the international search report

14/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.  
Fax: (+31-70) 340-3016

Authorized officer

Shaan, M

## INTERNATIONAL SEARCH REPORT

Information on patent family members

national Application No

PCT/BE2004/000154

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
US 2003174312	A1	18-09-2003	NONE		
US 6229599	B1	08-05-2001	IT PD970025 A1 AU 5875998 A CA 2280020 A1 EP 0972179 A1 JP 3262337 B2 JP 2000510246 T WO 9836256 A1		13-08-1998 08-09-1998 20-08-1998 19-01-2000 04-03-2002 08-08-2000 20-08-1998